

=> d hist full

(FILE 'HOME' ENTERED AT 08:32:46 ON 08 JAN 2008)

FILE 'REGISTRY' ENTERED AT 08:33:00 ON 08 JAN 2008

```

      SET LINE 250
      SET DETAIL OFF
      E "PHENYLALANINE"/CN 25
      SET NOTICE 1000 SEARCH
L1      2 SEA ABB=ON PLU=ON PHENYLALANINE/CN
      SET NOTICE 1 DISPLAY
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L1 1 IDE
      DIS L1 2 IDE
      SET NOTICE LOGIN DISPLAY
      SET NOTICE LOGIN SEARCH
      SET LINE 250
      SET DETAIL OFF
      E "PHENYLALANINE DEHYDROGENASE"/CN 25
      SET NOTICE 1000 SEARCH
L2      1 SEA ABB=ON PLU=ON "PHENYLALANINE DEHYDROGENASE"/CN
      SET NOTICE 1 DISPLAY
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L2 1 IDE
      SET NOTICE LOGIN DISPLAY
      SET NOTICE LOGIN SEARCH
      SEL L1 CHEM
```

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 08:36:29 ON 08 JAN 2008
SEA E1-43 (S) (BLOOD OR SERUM OR PLASMA)

```

-----
12  FILE ADISCTI
15  FILE ADISINSIGHT
14  FILE ADISNEWS
332 FILE AGRICOLA
199 FILE ANABSTR
1   FILE ANTE
1   FILE AQUALINE
43  FILE AQUASCI
168 FILE BIOENG
2690 FILE BIOSIS
229 FILE BIOTECHABS
229 FILE BIOTECHDS
908 FILE BIOTECHNO
1860 FILE CABA
5008 FILE CAPLUS
16  FILE CEABA-VTB
5   FILE CIN
27  FILE CONFSCI
1   FILE CROPB
7   FILE CROPU
270 FILE DDFB
345 FILE DDFU
181 FILE DISSABS
270 FILE DRUGB
661 FILE DRUGU
9   FILE EMBAL
2408 FILE EMBASE
1584 FILE ESBIODASE
```

72 FILE FROSTI
 73 FILE FSTA
 64 FILE GENBANK
 7 FILE HEALSAFE
 290 FILE IFIPAT
 13 FILE IMSDRUGNEWS
 1 FILE IMSPRODUCT
 3 FILE IMSRESEARCH
 5 FILE KOSMET
 868 FILE LIFESCI
 2489 FILE MEDLINE
 36 FILE NTIS
 15 FILE OCEAN
 1648 FILE PASCAL
 2 FILE PHAR
 6 FILE PHARMAML
 1 FILE PHIC
 20 FILE PHIN
 119 FILE PROMT
 13 FILE PROUSDDR
 1508 FILE SCISEARCH
 1046 FILE TOXCENTER
 16 FILE USGENE
 2726 FILE USPATFULL
 36 FILE USPATOLD
 351 FILE USPAT2
 3 FILE VETB
 56 FILE VETU
 2 FILE WATER
 318 FILE WPIDS
 9 FILE WPIFV
 318 FILE WPINDEX

L3

QUE ABB=ON PLU=ON (PHENYLALANINE/BI OR B-PHENYL-A-
 ALANINE/BI OR B-PHENYL-L-ALANINE/BI OR "(+)-B-PHEN
 YL-A-ALANINE"/BI OR "(+)-PHENYLALANINE"/BI OR
 "(+)-3-PHENYL-2-AMINOPROPANOIC ACID"/BI OR "(-)-PHENYLALANIN
 E"/BI OR "(S)-A-AMINO-B-PHENYLPROPIONIC ACID"/BI OR
 "(S)-A-AMINOBENZENEPROPANOIC ACID"/BI OR "(S)-A-AMI
 NOHYDROCINNAMIC ACID"/BI OR "(S)-(-)-PHENYLALANINE"/BI OR
 "(S)-PHENYLALANINE"/BI OR "(S)-2-AMINO-3-PHENYLPROPANOIC
 ACID"/BI OR "(S)-2-AMINO-3-PHENYLPROPIONIC ACID"/BI OR
 "(2S)-2-AMINO-3-PHENYLPROPANOIC ACID"/BI OR "ALANINE, B-PH
 ENYL-"/BI OR "ANTIBIOTIC FN 1636"/BI OR "BENZENEPROPANOIC
 ACID, A-AMINO-, (S)-"/BI OR "DL-A-AMINO-B-PHEN
 YLPROPIONIC ACID"/BI OR DL-B-PHENYL-A-ALANINE/BI OR
 DL-PHENYLALANINE/BI OR "DL-2-AMINO-3-PHENYLPROPIONIC ACID"/BI
 OR DL-3-PHENYLALANINE/BI OR DLPA/BI OR "L-(-)-PHENYLALANINE"/BI
 OR "L-ALANINE, 3-PHENYL-"/BI OR L-PHENYLALANINE/BI OR "NSC
 79477"/BI OR "NSC 9959"/BI OR PHENYL-A-ALANINE/BI OR
 10549-09-4/BI OR 150-30-1/BI OR "151: PN: US20070015162 SEQID:
 161 CLAIMED PROTEIN"/BI OR "2-AMINO-3-PHENYLPROPANOIC ACID"/BI
 OR 3-PHENYL-L-ALANINE/BI OR 3-PHENYLALANINE/BI OR "34: PN:
 AU2005201745 SEQID: 22 CLAIMED SEQUENCE"/BI OR "356: PN:
 US20070026454 SEQID: 366 CLAIMED PROTEIN"/BI OR 3617-44-5/BI
 OR 5297-02-9/BI OR 63-91-2/BI OR 67675-33-6/BI OR 801204-11-5/B
 I) (S) (BLOOD OR SERUM OR PLASMA)

 SEA L3 (S) (PHENYLALANINE (2A) DEHYDROGENASE)

1 FILE AGRICOLA
 18 FILE ANABSTR
 1 FILE BIOENG
 10 FILE BIOSIS
 8 FILE BIOTECHABS

8 FILE BIOTECHDS
 4 FILE BIOTECHNO
 6 FILE CABA
 34 FILE CAPLUS
 1 FILE CEABA-VTB
 1 FILE CIN
 2 FILE DISSABS
 8 FILE EMBASE
 9 FILE ESBIODBASE
 50 FILE GENBANK
 1 FILE IFIPAT
 3 FILE LIFESCI
 6 FILE MEDLINE
 9 FILE PASCAL
 4 FILE PHIN
 3 FILE PROMT
 11 FILE SCISEARCH
 1 FILE TOXCENTER
 22 FILE USPATFULL
 1 FILE USPAT2
 5 FILE WPIDS
 5 FILE WPINDEX

L4

QUE ABB=ON PLU=ON L3 (S) (PHENYLALANINE (2A) DEHYDROGENASE)

 D RANK

SEA L4 AND (COLORIMET### OR THIONINE OR (ROSE (2A) BENGAL) OR (

3 FILE ANABSTR
 2 FILE BIOSIS
 1 FILE BIOTECHNO
 1 FILE CABA
 11 FILE CAPLUS
 3 FILE EMBASE
 1 FILE ESBIODBASE
 2 FILE GENBANK
 1 FILE LIFESCI
 2 FILE MEDLINE
 2 FILE PASCAL
 1 FILE PHIN
 1 FILE PROMT
 4 FILE SCISEARCH

SEA L4 AND (COLORIMET### OR THIONINE OR (ROSE (2A) BENGAL) OR (

3 FILE ANABSTR
 2 FILE BIOSIS
 1 FILE BIOTECHNO
 1 FILE CABA
 11 FILE CAPLUS
 3 FILE EMBASE
 1 FILE ESBIODBASE
 2 FILE GENBANK
 1 FILE LIFESCI
 2 FILE MEDLINE
 2 FILE PASCAL
 1 FILE PHIN
 1 FILE PROMT
 4 FILE SCISEARCH
 4 FILE USPATFULL
 1 FILE WPIDS
 1 FILE WPINDEX

L5

QUE ABB=ON PLU=ON L4 AND (COLORIMET### OR THIONINE OR (ROSE
 (2A) BENGAL) OR (METHYLENE (2A) BLUE) OR AZURE OR TETRAZOLIUM)

D RANK

FILE 'CAPLUS, SCISEARCH, USPATFULL, ANABSTR, EMBASE, BIOSIS, MEDLINE,
PASCAL, BIOTECHNO, CABA, ESBIODASE, LIFESCI, PHIN, PROMT, WPIDS' ENTERED
AT 11:32:05 ON 08 JAN 2008

L6 38 SEA ABB=ON PLU=ON L5
L7 21 DUP REM L6 (17 DUPLICATES REMOVED)
L8 17 SEA ABB=ON PLU=ON L7 NOT PY>2004
D L8 IBIB ABS 1-17

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 69403-12-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN Dehydrogenase, phenylalanine (CA INDEX NAME)
OTHER NAMES:
CN E.C. 1.4.1.20
CN L-Phenylalanine dehydrogenase
CN Phenylalanine dehydrogenase
MF Unspecified
CI MAN
LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,
CHEMINFORMRX, CIN, CSCHEM, MSDS-OHS, PROMT, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

181 REFERENCES IN FILE CA (1907 TO DATE)
13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
182 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 1 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN

RN 150-30-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN Phenylalanine (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Alanine, β -phenyl- (3CI)

CN Alanine, phenyl-, DL- (8CI)

CN DL-Phenylalanine

OTHER NAMES:

CN (\pm)- β -Phenyl- α -alanine

CN (\pm)-3-Phenyl-2-aminopropanoic acid

CN (\pm)-Phenylalanine

CN 2-Amino-3-phenylpropanoic acid

CN DL- α -Amino- β -phenylpropionic acid

CN DL- β -Phenyl- α -alanine

CN DL-2-Amino-3-phenylpropionic acid

CN DL-3-Phenylalanine

CN DLPA

CN NSC 9959

MF C9 H11 N O2

CI COM

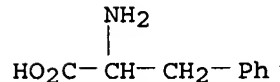
SR CA

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, USPATOLD

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN

RN 63-91-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN L-Phenylalanine (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Alanine, phenyl-, L- (4CI, 7CI, 8CI)

OTHER NAMES:

CN (-)-Phenylalanine

CN (2S)-2-Amino-3-phenylpropanoic acid

CN (S)-(-)-Phenylalanine

CN (S)- α -Amino- β -phenylpropionic acid

CN (S)- α -Aminobenzenepropanoic acid

CN (S)- α -Aminohydrocinnamic acid

CN (S)-2-Amino-3-phenylpropanoic acid

CN (S)-2-Amino-3-phenylpropionic acid

CN (S)-Phenylalanine

CN β -Phenyl- α -alanine

CN β -Phenyl-L-alanine

CN 151: PN: US20070015162 SEQID: 161 claimed protein

CN 3-Phenyl-L-alanine

CN 3-Phenylalanine

CN 34: PN: AU2005201745 SEQID: 22 claimed sequence

CN 356: PN: US20070026454 SEQID: 366 claimed protein

CN Antibiotic FN 1636

CN Benzenepropanoic acid, α -amino-, (S)-

CN L-(-)-Phenylalanine

CN L-Alanine, 3-phenyl-

CN NSC 79477

CN Phenyl- α -alanine

CN Phenylalanine

FS STEREOSEARCH

DR 801204-11-5, 10549-09-4, 3617-44-5, 67675-33-6, 5297-02-9

MF C9 H11 N O2

CI COM

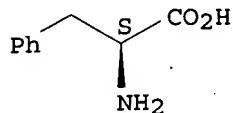
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,
CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*,
HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
PATDPASPC, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER,
TULSA, ULIDAT, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

41107 REFERENCES IN FILE CA (1907 TO DATE)

1282 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

41198 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)